Suraj Kumar

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- Portfolio

PROFILE

A highly motivated Software Engineer with a strong foundation in object-oriented programming, data structures, and full-stack development using JavaScript and Python. Proficient in building scalable applications with the MERN stack, Vue.js, and Flask. Combines exceptional problem-solving abilities with a genuine enthusiasm for learning and a growth-oriented mindset to tackle complex challenges.

SKILLS

Programming Languages - JavaScript, Python, Java

Frontend - HTML, CSS, React , Vue.js

Backend - Node.js, Express.js , Flask , RESTful APIs

Database - MongoDB, SQL

Version control - Git

Soft Skills - Communication, Team Player, Problem-Solving, Time Management, Decision Making

CERTIFICATES

- Full-Stack (MERN) Development Bootcamp - KnowledgeHut UpGrad

PROJECTS

WheelSpot
A modern, full-stack parking management application built with Flask, Vue.js, and Celery. Real-time parking spot booking, admin control, automated reports, and beautiful email notifications. Responsive Design with modern UI that works on all devices
- Role-based Authentication: Secure admin and user roles
- Background Tasks: Automated monthly reports and daily updates
- Email Notifications: Monthly parking reports sent to users
- CSV Export: Download booking reports in CSV format
- Real-time Updates: Live status updates for parking availability

Quiz Master

Quiz Master is a Flask-based multi-user quiz application with admin and user roles. The platform allows admin to create and manage quizzes, while users can participate in quizzes and track their progress. It features user authentication and a clean, responsive UI built using Jinja2 templates.
- User Authentication: Secure login and signup and RBAC.
- Custom Error Handling: Redirect users based on their roles.

Flixxit

Flixxit aims to be a web application with the likeness and basic feature set of OTT platforms such as Netflix, Prime Video and AppleTV+.
- Dashboard : Allows users to browse titles using horizontally scrollable carousels.
- Search : Allow users to search various types of content like web series, movies, short films, documentaries etc.

EDUCATION

Diploma in Programming, IIT Madras
Chennai, India

MCA, IGNOU
July 2025 – Present